



RESISTANCE TO COLD OF THE GUATEMALAN AVOCADO.

(*Persea americana*.)

The freeze of February 3, 1917, at Miami, Fla., subjected the avocados at the Plant Introduction Garden to a temperature of 26.5° F. for a few minutes. This temperature froze the foliage and twigs of the avocado tree of the tender West Indian type but affected those of the Guatemalan type much less severely and did not injure at all those of the Mexican type. In the illustration Admiral Ross is touching the dead brown leaves of a shoot coming from the West Indian seedling stock upon which was budded February 7, 1914, the Grande variety of the Guatemalan type. This bud has produced a good-sized tree in the three years and scarcely a leaf was injured by the freeze. (Photographed by David Fairchild, at the Miami Plant Introduction Field Station, February 12, 1917; P20427FS.)